



AEROSPACE MATERIAL SPECIFICATION

AMS-A-8576™

REV. A

Issued	1997-09
Reaffirmed	2005-06
Stabilized	2016-06

Superseding AMS-A-8576

Adhesive, Acrylic Base, for Acrylic Plastic

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

STABILIZED NOTICE

This document has been declared "Stabilized" by the SAE AMS P Polymeric Materials Committee and will no longer be subjected to periodic reviews for currency. Users are responsible for verifying references and continued suitability of technical requirements. Newer technology may exist.

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

Copyright © 2016 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
 Tel: +1 724-776-4970 (outside USA)
 Fax: 724-776-0790
 Email: CustomerService@sae.org
 http://www.sae.org

SAE WEB ADDRESS:

**SAE values your input. To provide feedback
on this Technical Report, please visit**
<http://www.sae.org/technical/standards/AMSA8576A>

NOTICE

This document has been taken directly from U.S. Military Specification MIL-A-8576C and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards.

The original Military Specification was adopted as an SAE standard under the provisions of the SAE Technical Standards Board (TSB) Rules and Regulations (TSB 001) pertaining to accelerated adoption of government specifications and standards. TSB rules provide for (a) the publication of portions of unrevised government specifications and standards without consensus voting at the SAE Committee level, (b) the use of the existing government specification or standard format, and (c) the exclusion of any qualified product list (QPL) sections.

1. SCOPE:

1.1 Scope:

This specification covers acrylic-monomer base adhesives intended for use in bonding acrylic plastics.

1.2 Classification:

The adhesive shall be furnished in the following types, as specified (see 6.2).

Type I	- Solvent type
Type II	- Non-solvent, high viscosity
Type III	- Non-solvent, medium viscosity

2. APPLICABLE DOCUMENTS:

The following publications, of the issues in effect on the date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

2.1 Government Publications:

Available from DODSSP, Subscription Services Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

PPP-B-585 Box, Wood, Wirebound
PPP-B-601 Box, Wood, Cleated-Plywood
PPP-B-621 Box, Wood, Nailed and Lock-Corner
PPP-B-636 Box, Shipping, Fiberboard
PPP-B-640 Box, Fiberboard, Corrugated, Triple-Wall
PPP-C-96 Can, Metal, 28 Gage and Lighter
PPP-T-60 Tape, Packaging, Waterproof

MIL-P-5425 Plastic, Sheet, Acrylic, Heat Resistant
MIL-P-8184 Plastic Sheet, Acrylic, Modified
MIL-L-10547 Liner, Case and Sheet, Overwrap, Watervaporproof or Waterproof, Flexible

MIL-STD-105 Sampling Procedures and Tables for Inspection by Attributes

MIL-STD-129 Marking for Shipment and Storage

CODE OF FEDERAL REGULATIONS

49 CFR 100-178 Regulations for the Transportation of Explosive and Other Dangerous Articles.

2.2 National Motor Freight Traffic Association, Inc., Agent Publications:

Available from the National Motor Freight Traffic Association, Tariff Order Section, 1616 P Street, N.W., Washington, DC 20036.

National Motor Freight Classification

2.3 Uniform Classification Committee, Agent Publications:

Available from the Uniform Classification Committee, Room 1106, 222 South Riverside Plaza, Chicago, IL 60606.

Uniform Freight Classification Rules